(14)

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :- Detailed Estimate for Providing Cement Concrete Drains and Covering Slabs at Karekallu in Bagalagunte, Ward.No. 14, Bangalore.

Estimated Cost Rs. 19.85 Lakhs

ASSISTANT EXECUTIVE ENGINEER

T.DASARAHALLI SUB DIVISION,

B.B.M.P, BANGALORE

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Sl. No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.150/I.19.2 PW, P & IWTD -SR 2012-13)	Cum							
	For Cross Roads - Left Side		2	46.00	1.20	1.00	110.40		
			2	46.00	1.20	1.00	110.40		
	For Cross Roads - Right Side		1	46.00	1.20	1.00	55.20		
							276.00	81.00	**22356.00**
	Basic Rate	75.00							
	Add Area Weightage 8%	6.00							
	Total	**81.00**							
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PW, P & IWTD - SR 2012-13)	Cum							
	For Cross Roads - Left Side		2	46.00	1.20	0.15	16.56		
			2	46.00	1.20	0.15	16.56		
	For Cross Roads - Right Side		1	46.00	1.20	0.15	8.28		
							41.40	3812.82	**157851.00**
	Basic Rate	3597.00							
	Add Area Weightage 6%	215.82							
	Total	**3812.82**							

3	KSRB 4-2.2: Providing and laying in position plain cement concrete of design mix M20 with OPC cement @320 kgs, with 20mm and down size graded granite metal coarse aggregates @(78cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reafirmed-2008, machine mixed, concrete laid in layers not blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11) PW, P & IWTD - SR 2012-13)	Cum							
	For Bottom								
	For Cross Roads - Left Side		2	46.00	1.20	0.15	16.56		
			2	46.00	1.20	0.15	16.56		
	For Cross Roads - Right Side		1	46.00	1.20	0.15	8.28		
	For Sides								
	For Cross Roads - Left Side		2x2	46.00	0.15	0.75	20.70		
			2x2	46.00	0.15	0.75	20.70		
	For Cross Roads - Right Side		1x2	46.00	0.15	0.75	20.70		
	For Building Side								
	For Cross Roads - Left Side		2	46.00	0.15	0.30	4.14		
			2	46.00	0.15	0.30	4.14		
	For Cross Roads - Right Side		1	46.00	0.15	0.30	2.07		
							113.85	5142.06	**585424.00**
	Basic Rate	4851.00							
	Add Area Weightage 6%	291.06							
	Total	**5142.06**							
4	KSRB 4.9.2 : Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.19/I.4.46) PW, P & IWTD - SR 2012-13)	q							
	For Bottom & Sides		103.50	Kg/Cum	60.00		6210.00		
						Say	**62.10**	7187.86	**446366.00**
	Basic Rate	6781.00							
	Add Area Weightage 6%	406.86							
	Total	**7187.86**							
5	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.17/I.4.31) PW, P & IWTD - SR 2012-13)	Sqm							
	For Cross Roads - Left Side		2x4	46.00		0.75	276.00		
			2x4	46.00		0.75	276.00		
	For Cross Roads - Right Side		2x2	46.00		0.75	138.00		
							690.00	239.56	**165296.00**
	Basic Rate	226.00							

	Add Area Weightage 6%	13.56							
	Total	**239.56**							
6	Supplying and fixing precast rainforced concee slab `cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
	Data Rate Approved By CE		2	46.00	1.00		92.00		
			1	46.00	1.00		46.00		
	For Cross Roads - Right Side		1	228.00	1.00		228.00		
							366.00	1600.00	585600.00
7	Lead for Disposal of Debris shall be payable at carage rates be mechanical means - With all lead, lifts, loading and unloading charges, cost and conveyance of all matrials, labour, equipments - 10Kmtrs etc.., complete (P.148/I.18.57) PW, P & IWTD - SR 2012-13)	Cum							
			Qty Vide Item No. 1				276.00	78.24	21593.00
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	**72.44**							
	Add Area Weightage 8%	5.80							
	Total	**78.24**							
8	Miscellaneous and Unforeseen Charges	LS							514.00
								Total	**1985000.00**

(Rupees Nineteen Lakhs Eighty Five Thousand Only)

CERTIFICATE

1) The Work spot has been inspected and the work is found to be necessary
2) The Estimate is prepared as per the PW,P & IWTD - SR - 2012-13
3) The Provision made in estimate are adequante and essential
4) This area comes under B.B.M.P Limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S

JC(DH)AS 668/12-13 14/02/13

19.85 Lakhs (Rupees Nineteen Lakhs eighty-five thousand only)

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No. EE/DO/TS/448/12-13 : 16/02/2013

Rs. 19.85 Lakhs (Rupees Nineteen Lakhs eighty five thousand only)

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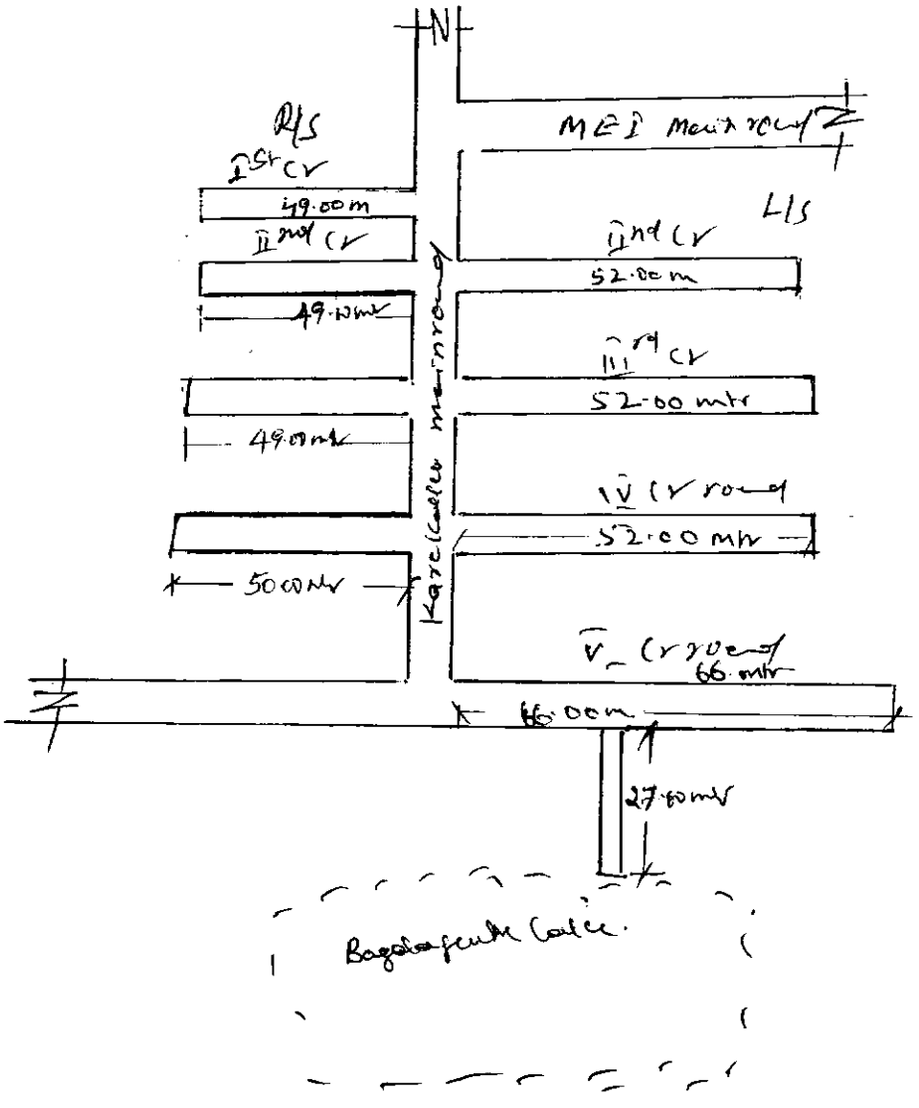
Name of work: providing Cement Concrete Drain and Covering Slabs at Harchandi in Bagdogra ward No 14.



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